

CCS Technical Documentation

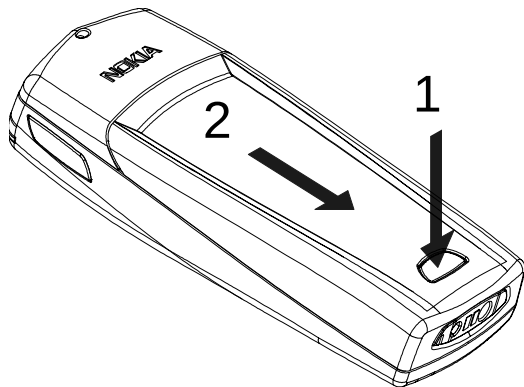
NSM-9DX Series Transceivers

Disassembly Instructions

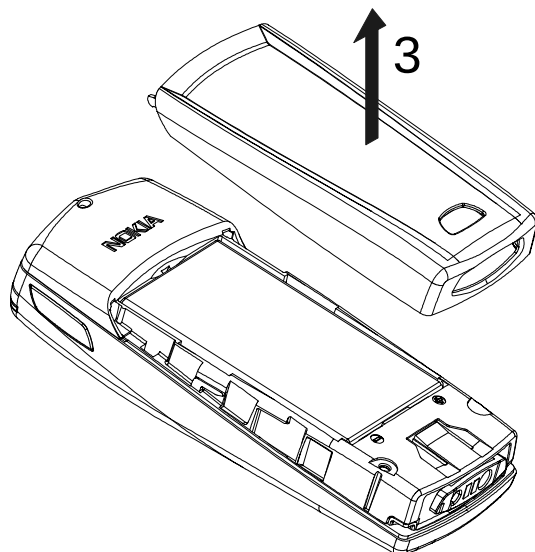
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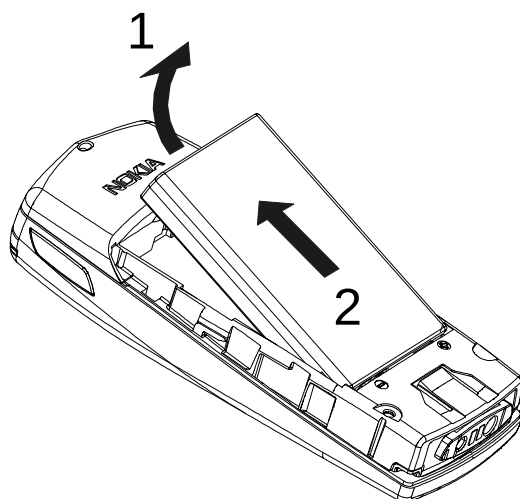
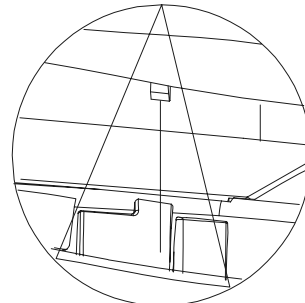
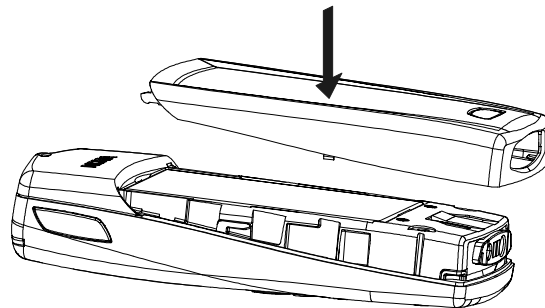
Disassembling the NSM-9NX Transceiver



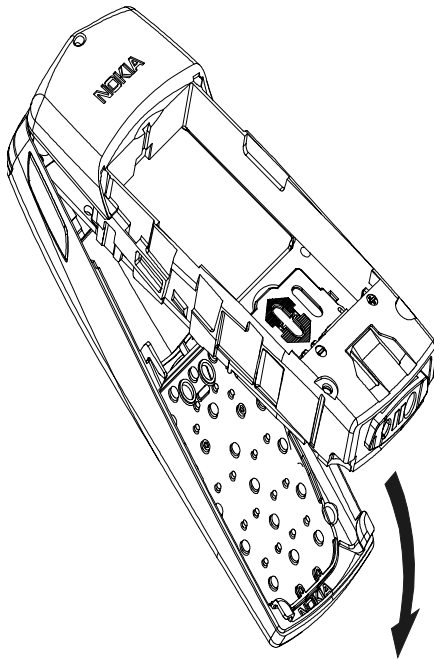
Remove Battery cover.



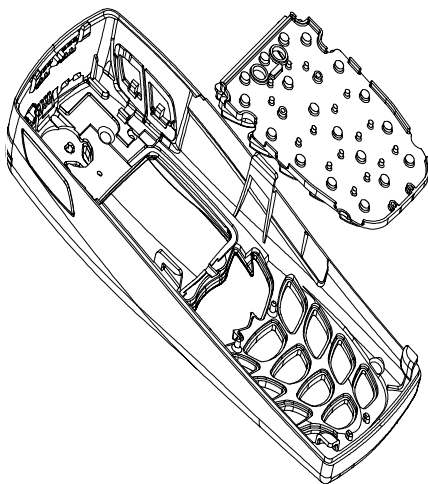
In assembly note!



Remove Battery.

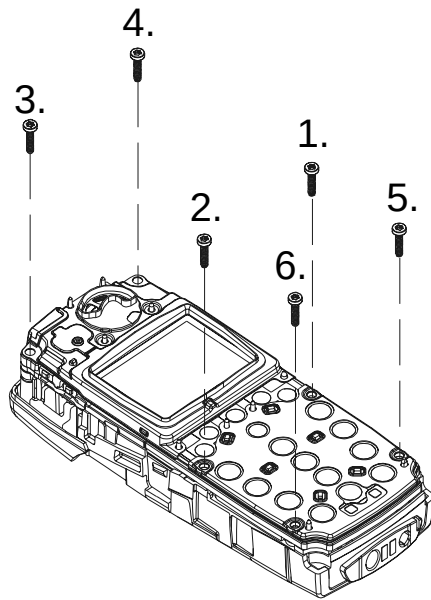


Remove A-cover.



Remove Keypad
(only if it is necessary to re
place keypad).

In assembly place A-cove
pins (4 pieces) in respecti
holes in the keypad.

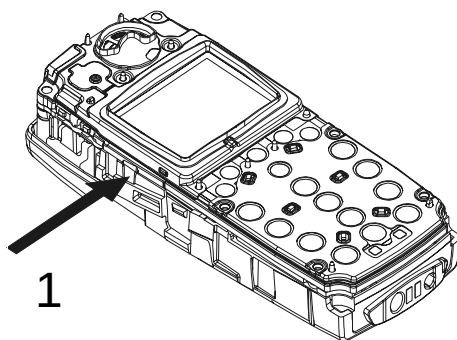


Remove the 6 screws.

Drive size is torx plus 6.
Tightening torque is 17 Ncm, and 1100rpm.
Fastening order in the picture
in disassembly.
In assembly check that PWB is not
bent.

Note! Screws contain thread lock
ing compound.

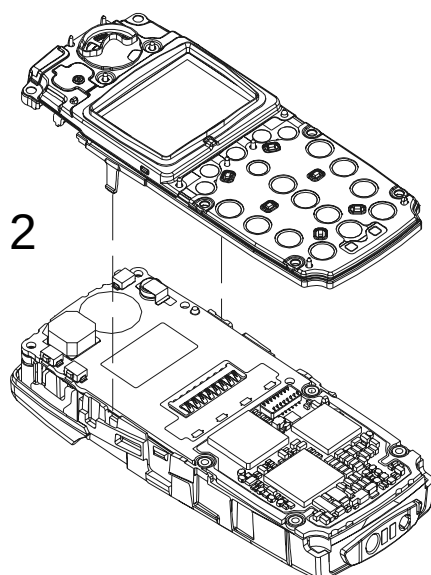
Note! Screws may be used a maximum of
four times before having to be scrapped
and not used again.



Remove UI module.

1. Use plastic tweezers or similar
tool to gently press the UI module
locking snap.

Note locking snaps when assem
bling UI.

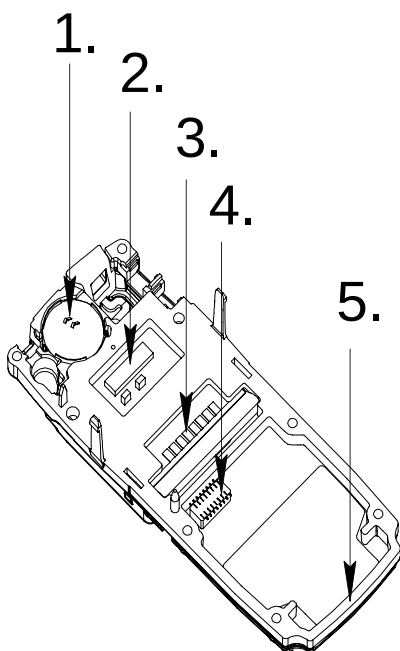


2. Carefully lift up the UI module.

UI handling precautions!

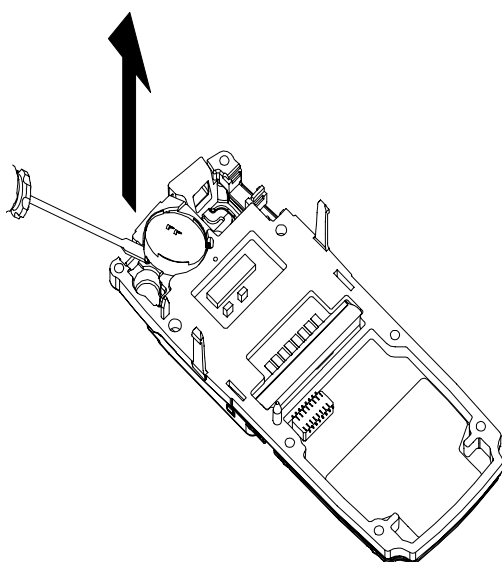
Do not damage the following
items when handling the UI
module:

1. Speaker spring contacts.
2. LCD driver.
3. LCD contact pads.
4. UI PWB contact pads.
5. UI frame metal coating.



UI handling precautions!

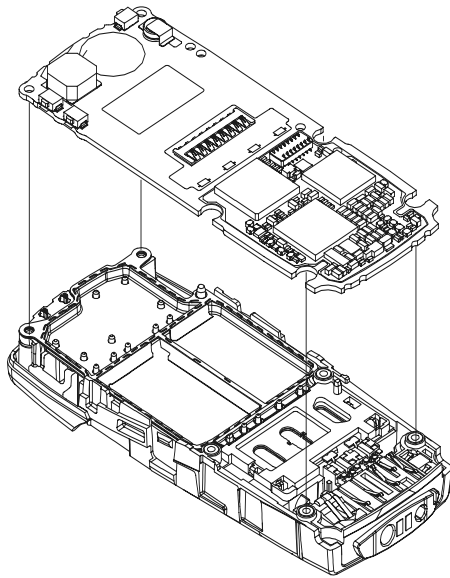
1. Speaker spring contacts
2. LCD driver.
3. LCD contact pads.
4. UI PWB contact pads.
5. UI frame metal coating.



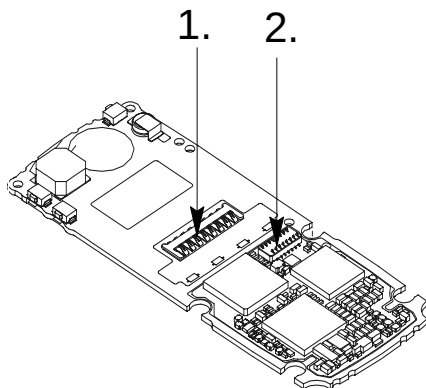
Remove speaker
(only if it is necessary to re
speaker).

Speaker can be lifted up u
straight-bladed screwdrive
shown in the picture.

Note! Do not touche speake
springs or membrane.



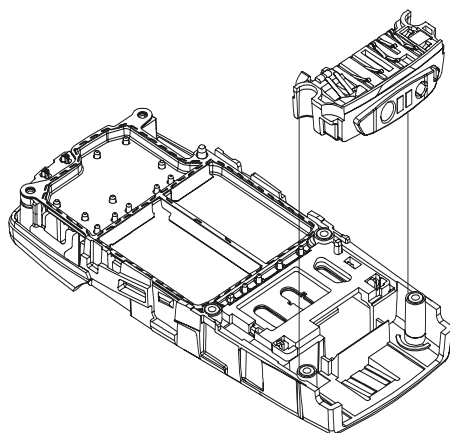
Remove System Module



System Module handling pre cautions!

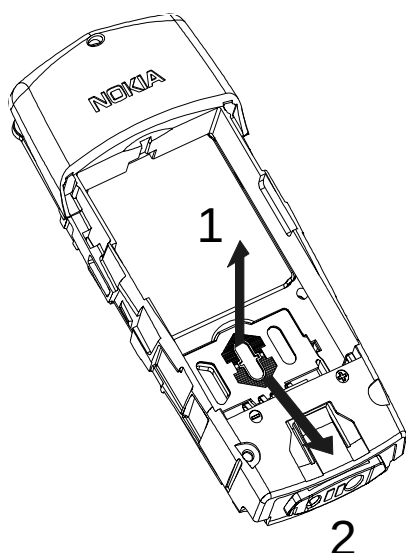
Do not touch the following spring contacts when handling the module:

1. LCD connector.
2. Board to board connector.



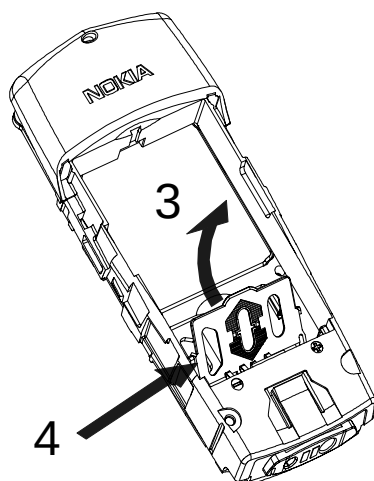
Remove System connector

Note! Do not damage the spring contacts in the System connector.



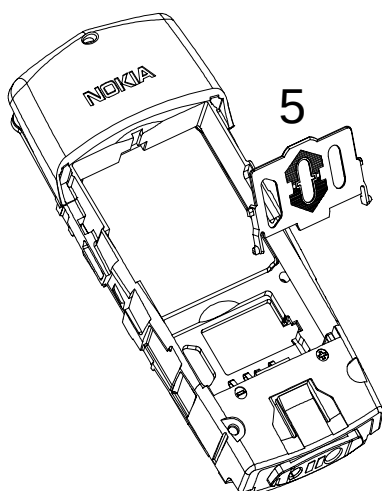
Remove SIM cover
(only if it is necessary to replace SIM cover).

1. Slightly lift the front edge of the SIM cover to unlocked position
2. and slide it backwards.



3. Turn the SIM cover to upright position.

4. Squeeze the SIM cover slightly from the side to release the side fixings one at the time.



5. Pull SIM cover out of B cover.

NSM-9DX No power and A-cover fit

If a “No power” problem is found, please check the A-cover fit. Below are pictures of good fit and bad fit. The engine needs to be fully fitted into the A-cover and the phone will power up. The covers are changeable. The A-cover power button does not match up with the engine power switch when the fit is not correct.

Figure 1: Good fit



Figure 2: Bad fit



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